



CKLINE

Verified Gross Mass (VGM) requirements
The safety of Life at Sea (SOLAS) Convention

June 2016
(Version 1.0)

CK LINE (HONG KONG) CO., LIMITED.



CKLINE

AGENDA



- ▶ VGM Information
- ▶ VGM Verification method
- ▶ When the cut off time?
- ▶ Transmission of VGM Flow
- ▶ Deviation in Gross Mass Figures
- ▶ VGM Announcement – by CK Line
- ▶ Related contact information

CK LINE (HONG KONG) CO., LIMITED.

VGM INFORMATION

- ▶ MSC Napoli crashed in Jan 2007, following the (IMO) investigation. In November 2014, The International Maritime Organization (IMO) regulation under the Safety of Life at Sea Convention (SOLAS) requires shippers to provide a Verified Gross Mass (VGM) for every packed container as a condition for vessel loading.
- ▶ All VGM need to be obtained by using weighing equipment that meets the applicable accuracy standards and requirements of the local governments. This is an international requirement.
- ▶ This takes effect from July 1, 2016.
- ▶ ***“No VGM, Not allowed load onto the vessel.”***

VGM INFORMATION

Improve safety of work personnel,
vessel and equipment



CK LINE (HONG KONG) CO., LIMITED.

VGM VERIFICATION METHOD

- ▶ The SOLAS regulations prescribes two methods to obtain the VGM Verification of Container Mass:
- ▶ **Method 1: Direct weighing**
- ▶ **Method 2: Accumulation of weights**
- ▶ Documentary need to obtain VGM declaration statement in hard or soft copy and should keep 1 year in case Marine Dept. inspecting.

VGM VERIFICATION METHOD

Method 1: Direct Weighing

Weighing report

CK LINE (HONG KONG) CO., LIMITED.

Report number
報告編號 _____

XXX Weighing Services Limited

XXX 秤重服務有限公司

Weighing Report
秤重報告

Container number
集裝箱編號 _____

Seal number
封條編號 _____

The above container was weighed on (DD/MM/YYYY)
上述集裝箱已於 (日日/月月/年年年年) _____ / /

at address
在地址 _____

by weighing equipment with Marine Department's authorization number
以海事處認可之秤重設施完成秤重，秤重設施的認證編號為 _____

The gross mass of the container weighed is _____ kg
總秤重的集裝箱總重量(或稱總質量)為 _____ 千克

Name and Signature of weighing equipment operating staff and company stamp
秤重設施操作員姓名、簽署及公司蓋章

(Name of Operating Staff: _____)
操作員:

VGM VERIFICATION METHOD

Method 1: Direct Weighing

Weighing the packed container with various weighing facilities.

TRUCK SCALE



CK LINE (HONG KONG) CO., LIMITED.

VGM VERIFICATION METHOD

Method 2: Accumulation of weights

- ▶ Weighing all packages and cargo items, including pallets, dunnage and other securing material to be packed in the container and adding the tare mass of the container to other sum of the single masses, using a certified method approved by Marine Department of the State in which packing of the container was completed.
- ▶ **Cargo related: for scrap metal, unbagged grain, unbagged bulk cargo, ... Method 2 is inappropriate and impractical.**

CK LINE (HONG KONG) CO., LIMITED.

Carrier (Shipping Line):	Space Container Line Limited	Container No.:	SPCL104701 0
Name of vessel:	Apollo 13	Voyage No.:	APO 025
Container type:	20-ft 40-ft / 46-ft / flat rack / ISO tanker	Delivery date:	04.07.2016

No.	Cargo	Quantity	Unit mass (kg)	Sub-total (kg)	Remark
1	Toy truck	1000	2	2000	
2	Toy train	1000	1.5	1500	
3	Skateboard	100	3	300	
4	Carton paper	100 sheets	2	200	
5	Polythene sheet	200 yds	--	3	
6	Pallet	20	10	200	
7	Securing material	--	--	--	
8	Cargo from "Forwarder A"	1 lot		2000	Provided by "Forwarder A"
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19	Tare mass of container			2300	
				Total (Verified Gross Mass)	8703

No. of Seal: SPSL306806

Completed & signed by: Lee Mei Nei / *Lee*

Date: 03.07.2016

Checked & signed by: Chan Tai Man / *Chan*

Date: 03.07.2016

VGM VERIFICATION METHOD

Method 2: Accumulation of weights



CK LINE (HONG KONG) CO., LIMITED.

集裝箱重量計算表 (方法二)

共 1 頁的第 1 頁

承運人 (船公司):	Space Container Line Limited	集裝箱編號:	SPCL104701-0
船隻名稱:	Apollo 13	航運編號:	APO 025
集裝箱種類:	20-ft / 40-ft / 46-ft / flat rack / ISO tanker	交付日期:	04.07.2016

編號	貨品	數量	每件重量 (公斤)	共重 (公斤)	備註
1	玩具貨車	1000	2	2000	
2	玩具火車	1000	1.5	1500	
3	滑板	100	5	500	
4	卡紙	100 shts	2	200	
5	包裝膠紙	200 yds	3	300	
6	卡板	20	10	200	
7	繫固物料	100 shts	2	200	
8	"托運公司 A" 的貨物	1 lot		2000	托運公司 A 提供
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19	集裝箱淨重			2300	

總重量 (總淨重量) 8703

封條編號 SPSL306806

填寫者姓名及簽署: 李美妮 / *Li Mei Ni*

日期: 03.07.2016

核對者姓名及簽署: 陳大文 / *Chan Da Wen*

日期: 03.07.2016

VGM VERIFICATION METHOD

For data elements required for VGM submission to CK Line (HK) Co., Ltd. detail as follows

請使用付運人公司名稱抬頭

集裝箱重量聲明書

To: CK Line (Hong Kong) Co.,Ltd.

預訂編號:			
船隻名稱:			航次編號:
訂倉公司	公司名稱:		
	聯絡人:		
	地址:		
	電話:		
付運人	公司名稱:		
	聯絡人:		
	地址:		
	電話:		

編號	集裝箱編號	櫃型	驗證總重量 (千克) (或稱驗證總質量, VGM)
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			

本聲明的載貨集裝箱總重量 (或稱總質量) 資料是本付運人按照《國際海上人命安全公約》第VI章第2條所述的 **方法一** 而取得的結果。

本聲明的載貨集裝箱總重量 (或稱總質量) 資料是本付運人按照《國際海上人命安全公約》第VI章第2條所述的 **方法二** 而取得的結果, 該方法已獲得香港海事處批准或承認, 註冊編號為 _____ 。

以下聲明只適用於付運人為非香港註冊公司及貨櫃的裝貨封箱均在中國大陸完成

本文件中所有貨櫃是在中國大陸裝貨封箱, 然後利用陸路或海運(駁船)運到香港, 本公司(非香港註冊商業團體)再以付運人名義將貨櫃裝載到船上運往海外, 該等貨櫃的核實總重量是按中國海軍局的規定而取得的。

而該規定符合了《國際海上人命安全公約》第VI章第2條所述的 **方法一** 的要求。

而該規定符合了《國際海上人命安全公約》第VI章第2條所述的 **方法二** 的要求。

(從上面選出合適的聲明, 並加上 ✓ 號。)

聲明者姓名: _____ (正體), _____ (簽署)

為 _____ (付運人公司) 授權

日期: _____

ABC Company Ltd.

CONTAINER MASS DECLARATION

To: CK Line (Hong Kong) Co.,Ltd.

Booking No.:	HK1600001		
Name of Vessel:	SKY Orion	Voyage No.:	1234N
Booker:	Company name:	CK Company Ltd.	
	Contact person:	Mr. Peter Chan	
	Address:	Unit4118, Level 41, Tower 1, Metplaza, 223 Hing Fong Road, Kwai Chung, H.K.	
	Tel:	852-28078998	
Shipper:	Company name:	ABC Company Ltd.	
	Contact person:	Ms. May Lee	
	Address:	Room 8.C.D.2/F, Seaview Square, NO. 18 Taik Road, Shekou, Nanshan District, Shenzhen, Guangdong Province, China	
	Tel:	86-755-61896930	

Item No.	Container No.	Size	Verified Gross Mass, VGM (kgs)
1	CKLU1234567	20GP	20,010Kgs
2	CKLU2345678	40GP	15,930Kgs
3	CKLU3456789	40HQ	18,262Kgs
4			
5			
6			
7			
8			
9			
10			

The verified gross mass of the packed container(s) declared in this shipping document was obtained in accordance with **Method 1** stipulated in SOLAS Chapter VI Regulation 2.

The verified gross mass of the packed container(s) declared in this shipping document was obtained in accordance with **Method 2** stipulated in SOLAS Chapter VI Regulation 2. The procedure of this method has been approved or recognized by Hong Kong Marine Department with registration number "GMV _____".

Following statement applicable ONLY to non-Hong Kong shipper with container packed & sealed in Mainland China.

The container(s) stated in this document was / were packed and sealed in Mainland China then trucked / Feeder (Barge) to Hong Kong for shipping overseas under our name as shipper, which is not a business entity registered in Hong Kong. The verified gross mass of the container(s) herein declared was obtained in accordance with the requirement.

which complies with **Method 1** stipulated in SOLAS Chapter VI Regulation 2, laid down by China MSA.

which complies with **Method 2** stipulated in SOLAS Chapter VI Regulation 2, laid down by China MSA.

(Select the appropriate statement in the above by ticking in the respective box.)

Declared by: Ms. May Lee (First name, Block Letter), _____ (Signature)

authorized by ABC Company Ltd. (Shipper Company)

Date: 01st July 2016

CK LINE (HONG KONG) CO., LIMITED.

WHEN THE CUT OFF TIME?

We anticipate the VGM CUT-OFF times will vary. The VGM CUT-OFF time will be advised in the form of a Booking Confirmation once available.

Shipper have to declare VGM starting from 25th June 2016 and onwards Transshipment cargoes for vessels departure on 01st July 2016 must have VGM declared

Packed containers have to be weighed prior laden gate in to terminal and shipper must be responsible for obtaining the verified gross weight (VGM) & provide the VGM LOI to Carrier before Mother Vessel closing date at terminal. If any without VGM sufficiently in advance presented, the container will not be loaded.

CK LINE (HONG KONG) CO., LIMITED.

DEVIATION IN GROSS MASS FIGURES

Marine Dept. will perform random checking.
The VGM figures obtained from Marine Dept. approved weighing equipment prevails.

Export fm Hong Kong

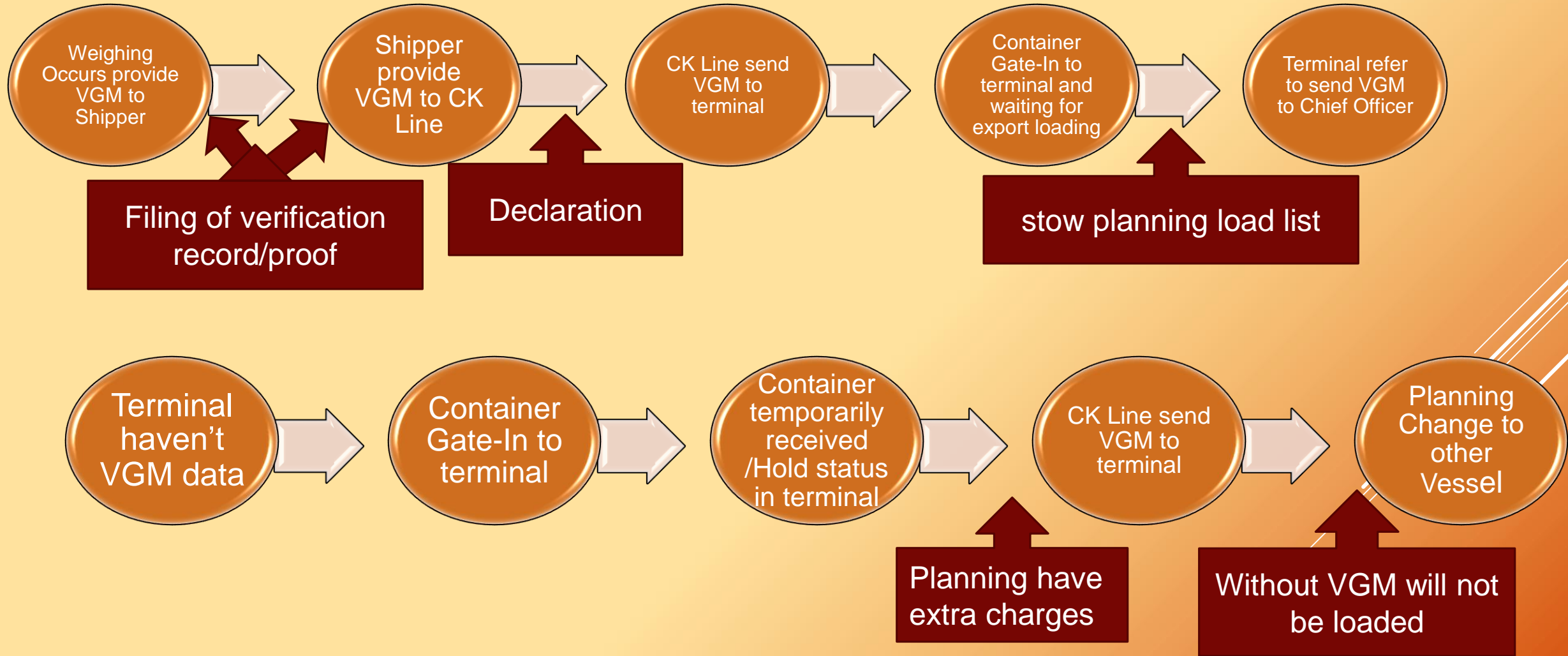
VGM \leq 10 MT : +/- 0.5 MT

VGM > 10 MT : +/- 5%

Export fm Shekou

VGM : +/- 5% or 1Ton (Whichever is less)

TRANSMISSION OF VGM FLOW CHART



VGM ANNOUNCEMENT

– BY CK LINE



CKLINE **CK Line (Hong Kong) Co., Ltd.**
 Unit 4118-22, Level 41, Tower 1, Metroplaza, 223 Hing Fong Road,
 Kwai Chung, New Territories, Hong Kong

22nd Jun, 2016

SOLAS VERIFIED GROSS MASS (VGM) ANNOUNCEMENT

TO: ALL VALUED CUSTOMERS

Please kindly note that the new SOLAS requirement on the Verified Gross Mass (VGM) of a container will be effective on 01st July, 2016. Which requires the shipper named on ocean carrier's bill of lading has to verify and provide a Verified Gross Mass (VGM) for packed container to the ocean carrier and port terminal representative before it being loaded onto a vessel, as a way to protect safety of life at sea.

For Data elements required for VGM submission include:

1. Booking Number / Shipping Order
2. Container number / Size
3. VGM weight (KGs)
4. Booker & Shipper name / Contact information
5. Name of Authorized Person (Signatory) / E Signature

填妥後請寄交本公司海運部
運費海運單填寫表

To: CK Line (Hong Kong) Co., Ltd.

船名		船期		備用欄 (P.O.N.)
提單號碼		櫃號		(請填寫櫃號及重量)
1. 凡屬本公司之貨物 (包括海運) 請於裝箱前由該貨主或其代理人, 於該貨物之重量證明書 (Weight Certificate) 中填妥重量。				
2. 凡屬本公司之貨物 (包括海運) 請於裝箱前由該貨主或其代理人, 於該貨物之重量證明書 (Weight Certificate) 中填妥重量。				

ABC Company Ltd.
CONTAINER MASS DECLARATION

To: CK Line (Hong Kong) Co., Ltd.

Booking No.	BLT Class	Wegway	CSRS
Name of Vessel			
Ship No.			
Vessel No.			
Port of Origin			
Port of Destination			
Shipper			
Ship to			
Shipper's Reference No.			
VGM (kg)			
VGM (kg)			
VGM (kg)			
VGM (kg)			
VGM (kg)			
VGM (kg)			
VGM (kg)			

SAMPLE

1/2

CKLINE **CK Line (Hong Kong) Co., Ltd.**
 Unit 4118-22, Level 41, Tower 1, Metroplaza, 223 Hing Fong Road,
 Kwai Chung, New Territories, Hong Kong

VGM Submission Cut-off

In order not to affect vessel operation, shipper has to submit VGM to CK Line HK by mail 24 hours in advance before the CY closing time of our local Booking acknowledgement.

Submit VGM within office hours Monday to Friday 09:00-17:00pm, (time constraint, delay, complicated – not accepted)

Shipper has to declare VGM starting from 25th June 2016 and onwards Transshipment cargoes for vessels departure on 01st July 2016 must have VGM declared.

Container tare weight

All the container tare weight required for Method 2 can be found on the CSC plate of container door-side.

In case of a further question. Please do not hesitate to contact us.

Thank you for your kind attention to this matter

Yours Faithfully,
 CK Line (Hong Kong) Co., Ltd.

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RELATED CONTACT INFORMATION

[Hong Kong Marine Department link](#) / [Shekou \(SCT\) Container Terminal Limited](#)

Please find [here](#) for the English version / Please find [here](#) for the English version

Please find [here](#) for the Chinese version / Please find [here](#) for the Chinese version

[中華人民共和國交通運輸部](#) - [Ministry of Transport of the People's Republic of China](#)

Please find [here](#) for the 交通运输部关于执行《1974年国际海上人命安全公约》第VI/2条2015年修正案的通知 發出日期: 2016年06月06日

IMO VGM / SOLAS

Please find [here](#) for the Amendments and Associated guidelines -

World Shipping Council

Please find [here](#) for the IMO Requirement for container weight verification

Please find [here](#) for the SOLAS

Please find [here](#) for the National Legislations

Frequently Asked Questions (FAQs)

Please find here the [FAQs](#) about Container Weighing (last updated March 11, 2016)

Please find [here](#) for the English version - VGM FAQs - HKG Marine Dept.

Please find [here](#) for the Chinese version - 驗證總重量 問答 - 香港海事處

CK LINE (HONG KONG) CO., LIMITED.

How to meet the container weight mandate

As a shipper, what are your options?

METHOD 1
Take a loaded container over a weighbridge, subtract the weight of the truck, chassis, and fuel to get the weight of the packed container.

METHOD 2
Weigh each item – including its packaging, palleting, dunnage and other packing and securing materials – going into the box. Add that sum to the weight of the container to find the weight of the packed container.

Scopes must be certified and calibrated in line with the national standards of the country where the weighing occurred and Method 2 is subject to national certification and approval.

What are you required to do?
Provide a document, paper or electronic, signed by the shipper to the shipping line and terminal declaring that the shipper verified the weight and that it was weighed properly.

The SOLAS amendment will be enforced by the coast guard or other agency responsible for SOLAS regulations in a given country and punishments for violations will vary by country.

What happens in the case of noncompliance?
There are all kind of possibilities for what could happen to the box that failed to provide the certified weight document but none are settled. Terminals may choose to hold a container or send it back, but whatever happens, the ship will leave and the container will not.

JOC.com

Source: JOC.com

Thank You!



CK LINE (HONG KONG) CO., LIMITED.